

Fig. 1

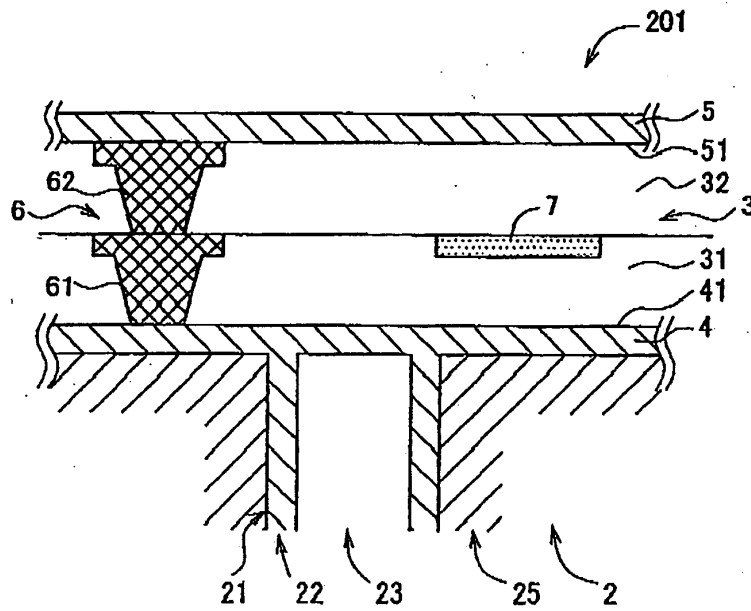


Fig. 2

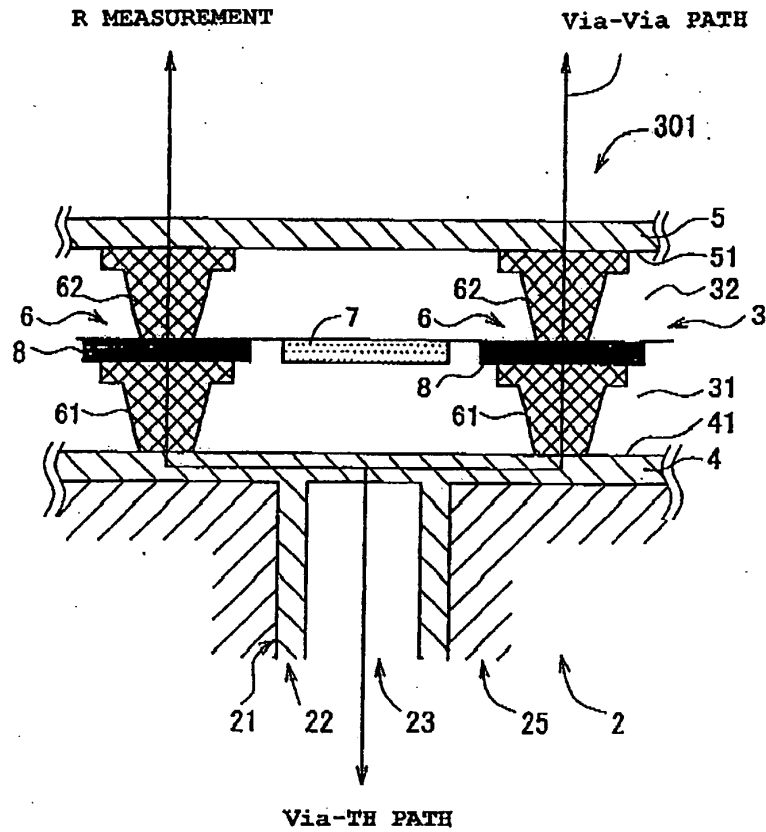


Fig. 3A

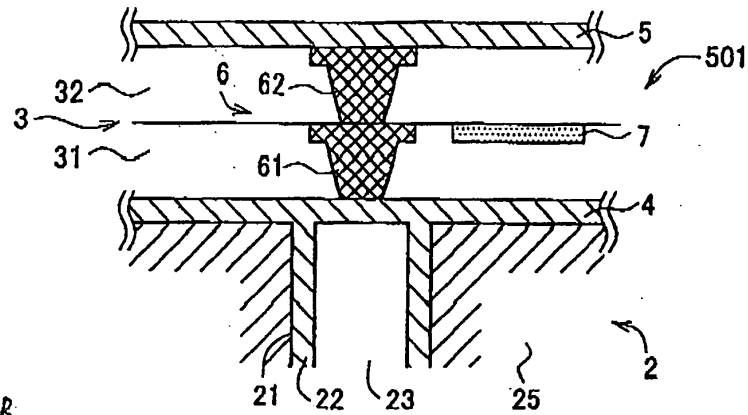


Fig. 3B

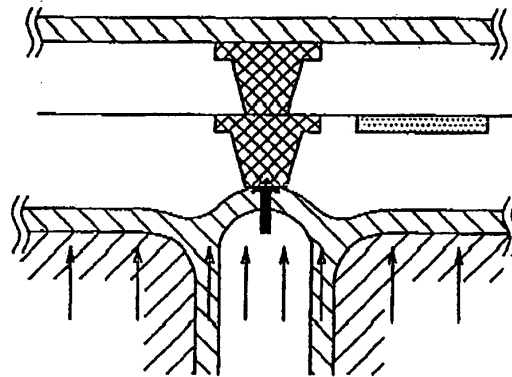


Fig. 3C

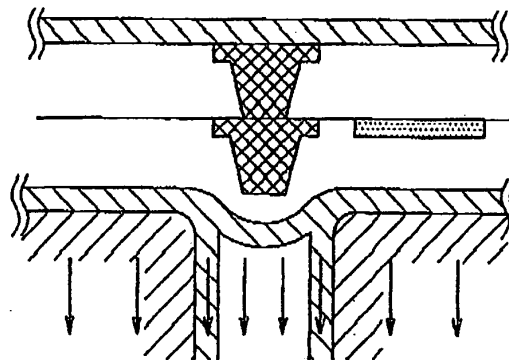


Fig. 4

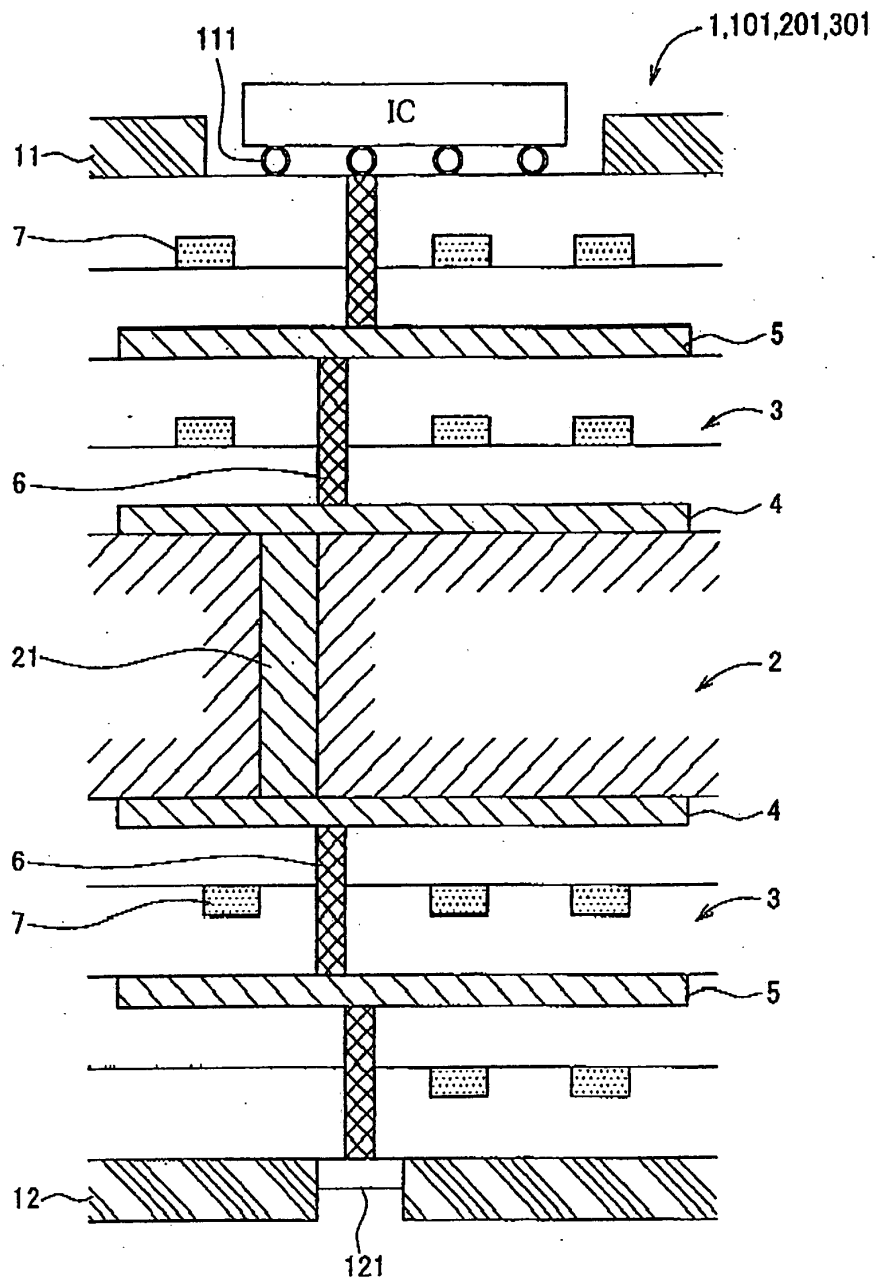


Fig. 5

EXAMPLE 1

COMPARISON 1

	実施例1	比較例1
①熱サイクル無し	0/30	5/30
②100サイクル後	0/30	20/30
③500サイクル後	0/30	28/30

- ① NO HEAT CYCLE
- ② AFTER 100 CYCLES
- ③ AFTER 500 CYCLES

Fig. 6

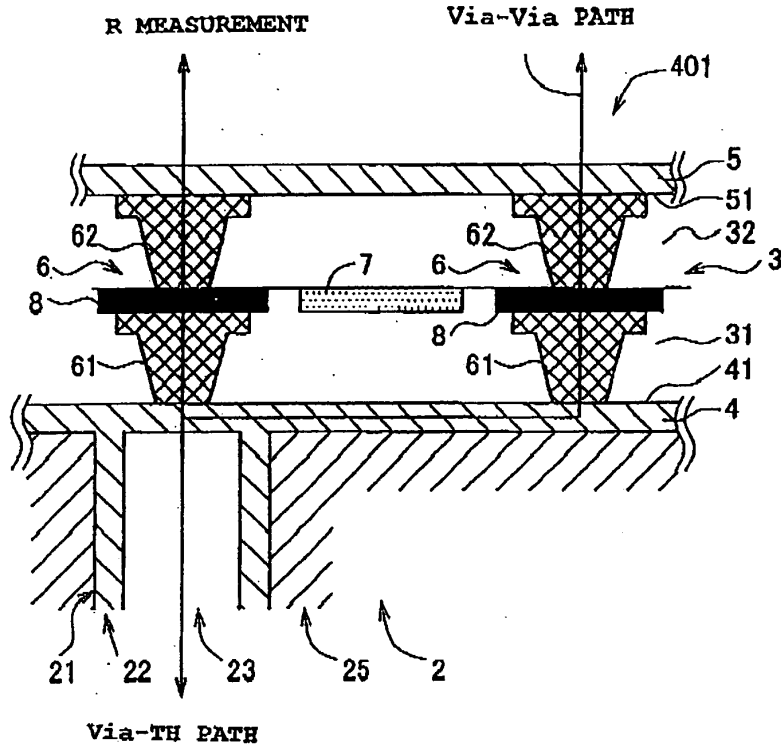


Fig. 7

	美施例2	比較例2
Via-Via PATH	<1%	5%
Via-TH PATH	<1%	20%

Fig. 8A

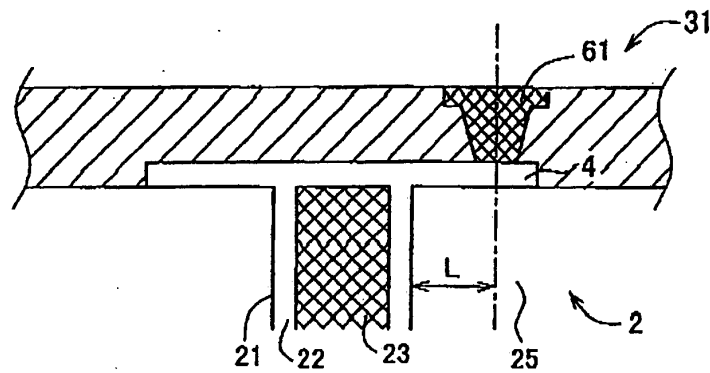


Fig. 8B

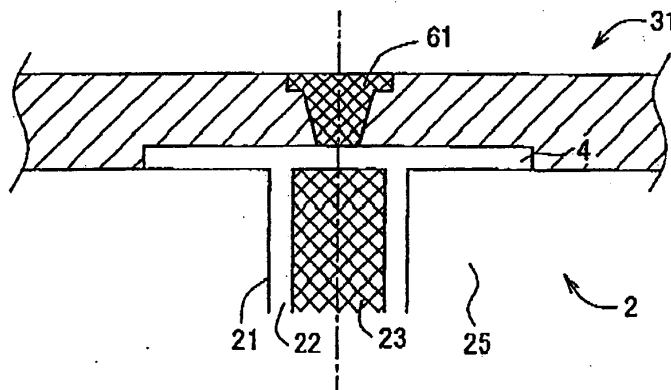


Fig. 9A

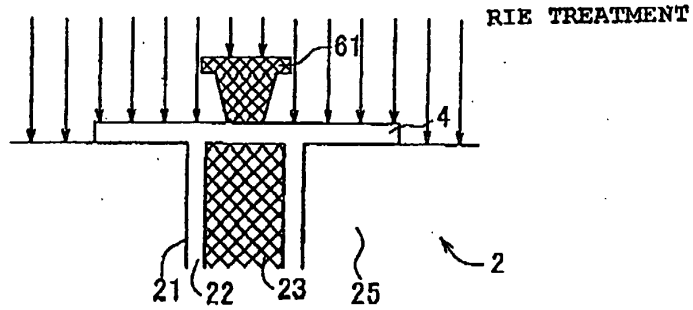


Fig. 9B

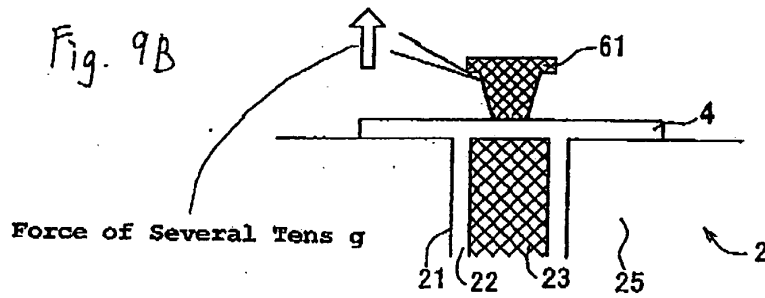


Fig. 9C

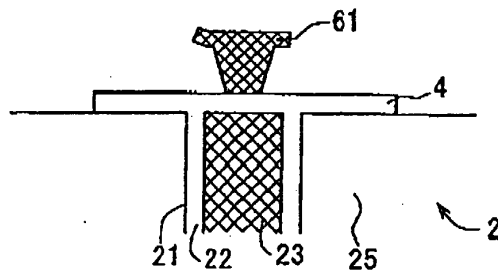


Fig. 9D

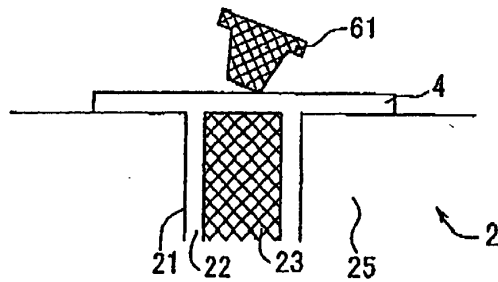


Fig. 10

VIA PEELING PERCENTAGES

EXAMPLE 3

COMPARISON 3

	実施例3	比較例3
ビア剥離率	0/30	18/25

Fig. 11

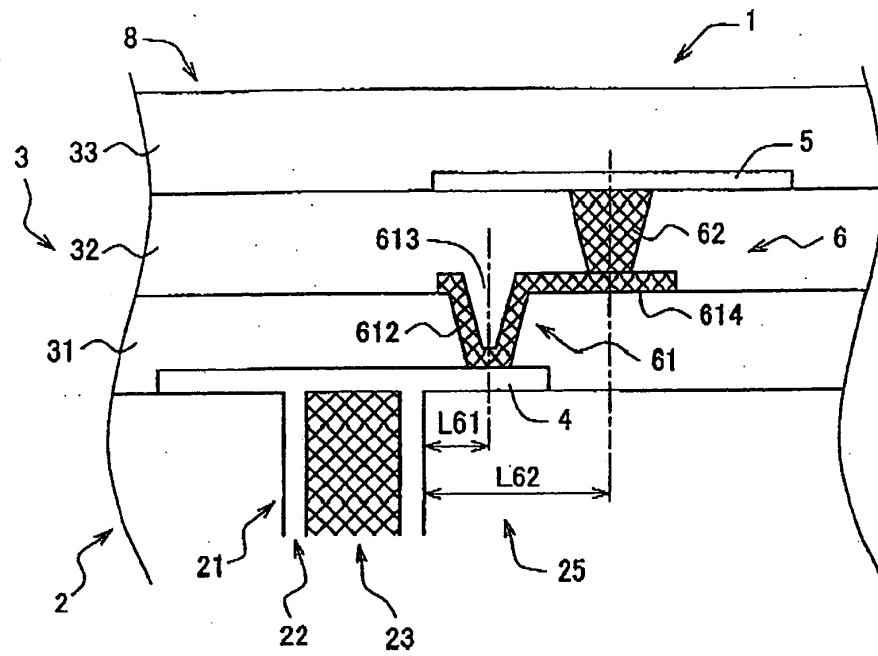


Fig. 12

